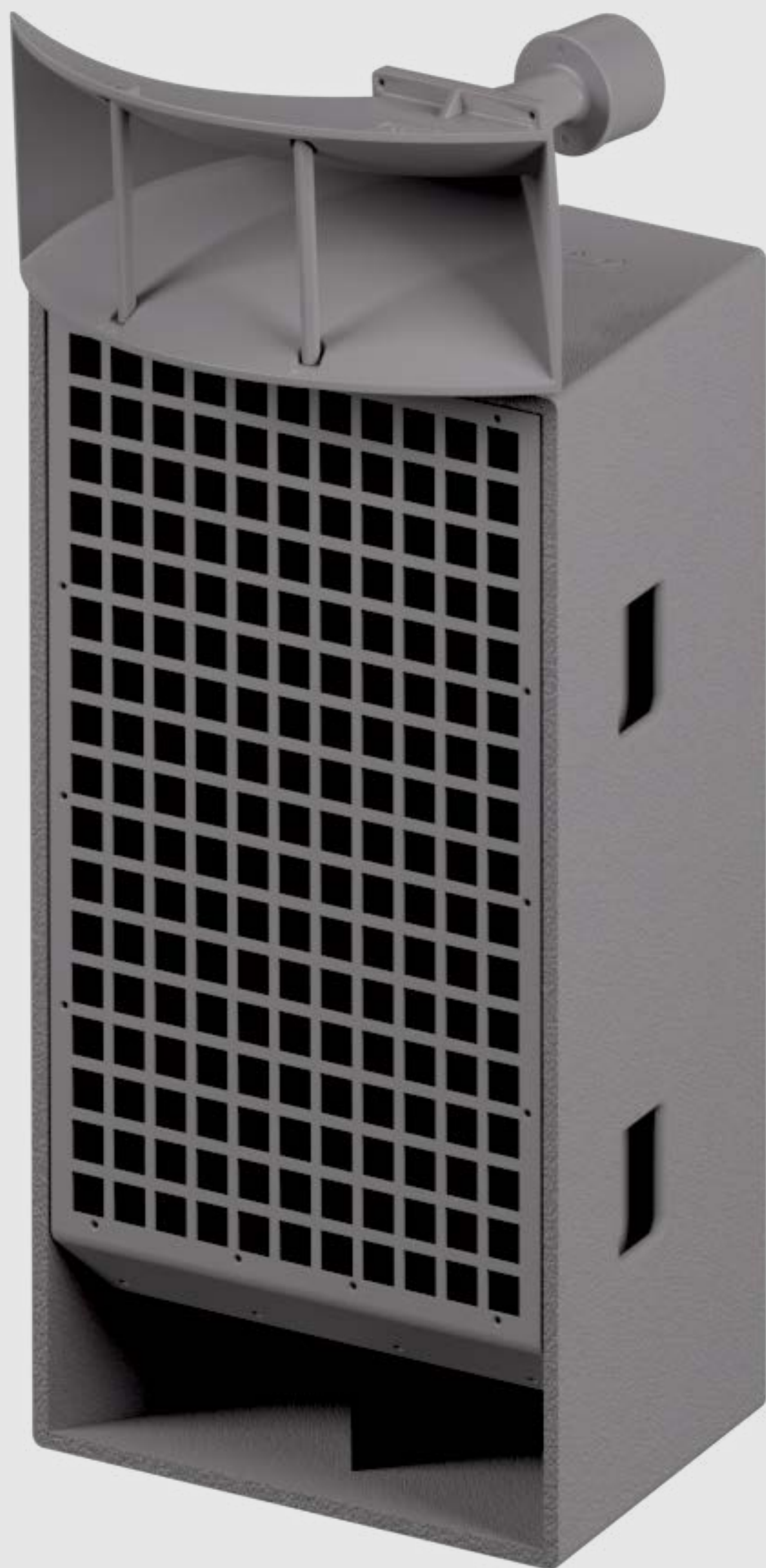


OJAS

NNNN

ON8 Small Club System



Bi-radial high frequency horn

18" bass reflex cabinet

30Hz low frequency response

Passive filter option

High SPL in compact form factor



Preliminary Specifications:

Configurations	Passive and active 2-way
Frequency response (3dB)	30 Hz - 20 kHz
Max peak output (1m)	133 dB*
Max output (1m)	127 dB*
Nominal dispersion	90°x40°
Connections	Speakon 4-pole
Rigging	Ground stacked
Width (V / H)	564 mm
Depth	559 mm
Height	1380 mm
Weight	55 kg / 106 lb

Powerhandling (RMS)	
Impedance	8 Ohm (min 5 Ohm)
Passive	1250W
Amp recommendations	for 2-way configuration
Unica-series	1× 4L 5K4 per pair
T-series	1× T302 per speaker
	1× T604 per pair

*Simulated

The ON8 is a 2-way full range loudspeaker system with an 18” studio grade woofer and a modern 1” exit compression driver on a biradial horn.

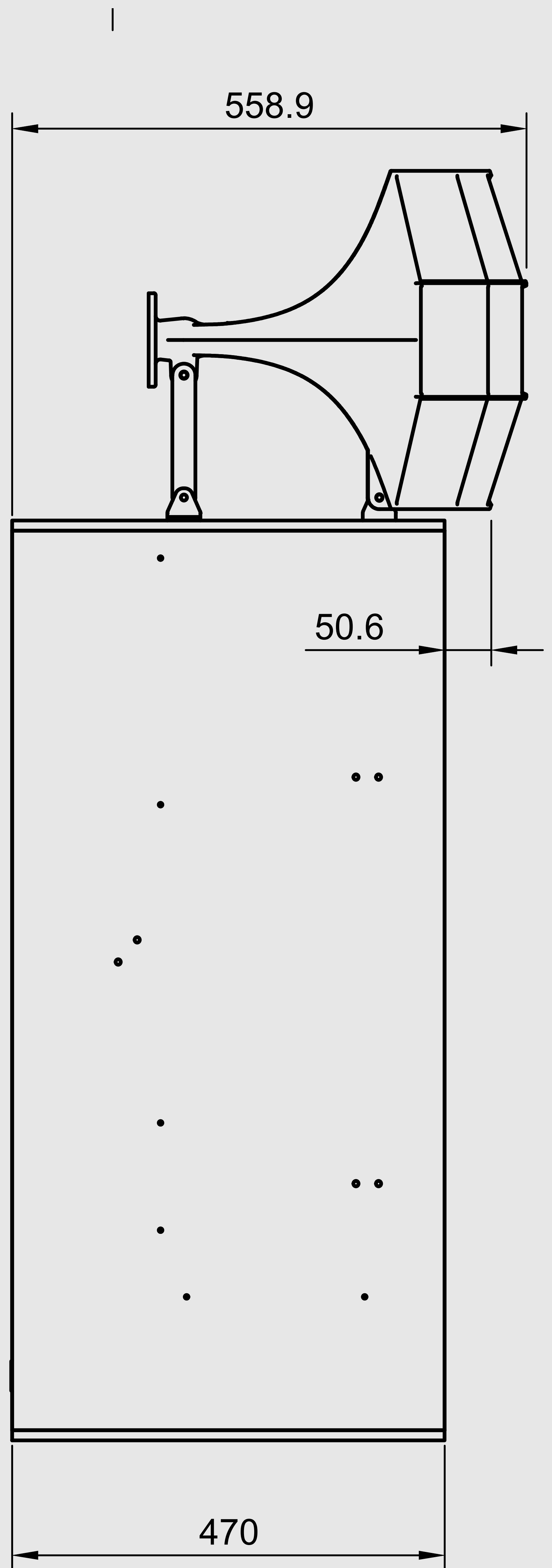
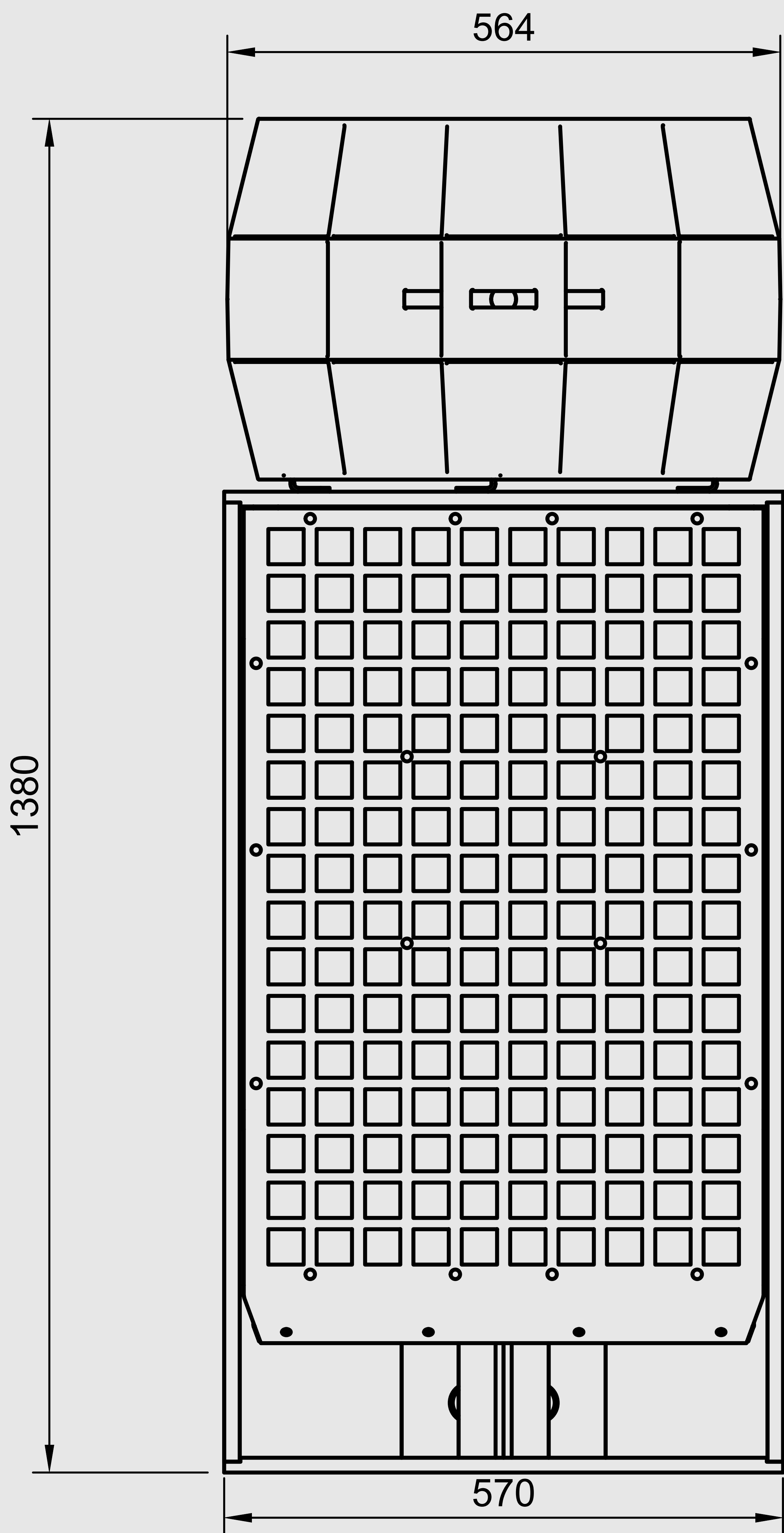
The system is designed with large overlap ranges so that a seamless system integration and optimized dedicated ranges is achieved within each bandwidth.

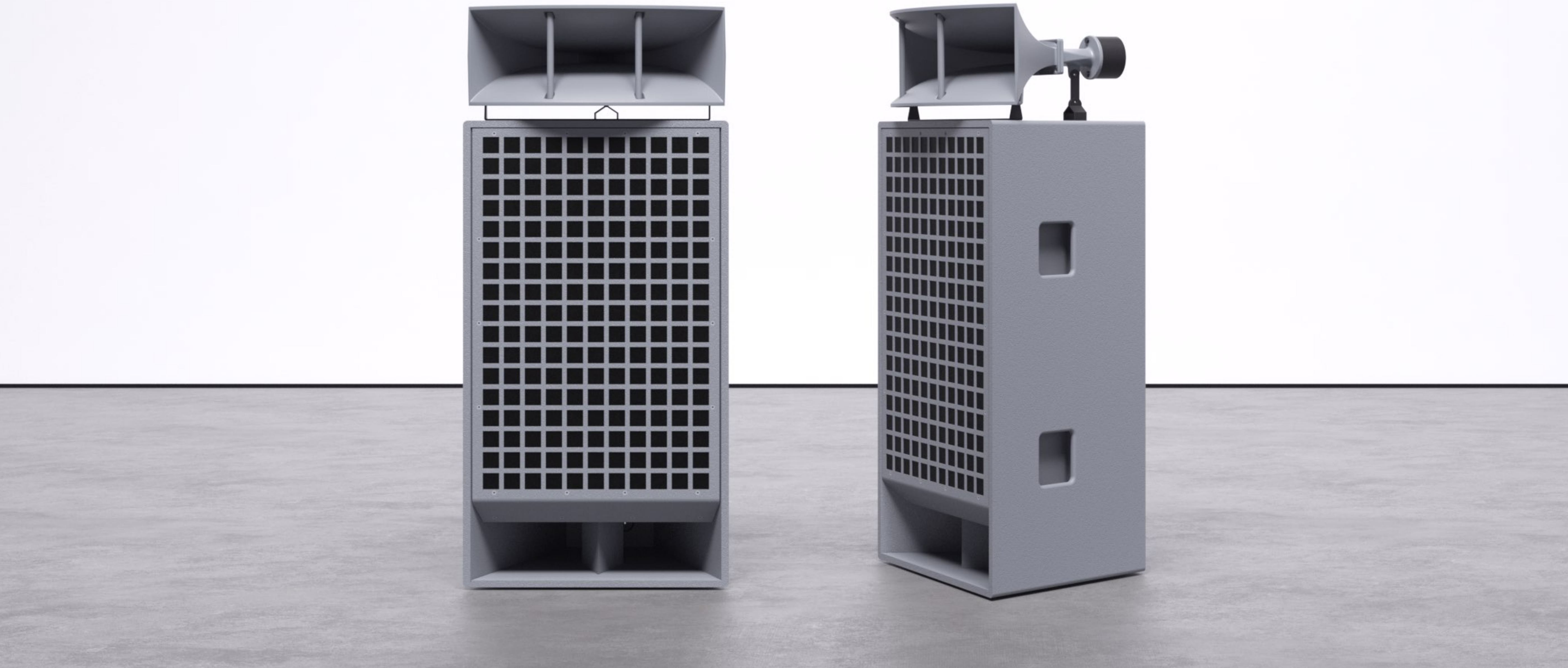
The bass reflex assisted woofer moves a lot of air down to 30Hz in a compact cabinet. Typical challenges in such cabinets are unwanted pipe resonances and port noise coming from turbulent air flow. In the ON8 cabinet the pipe resonances are suppressed significantly with a proprietary pipe resonance cancellation acoustical concept, and the airflow is laminar even at high SPL because of the expanding large port design.

The end result is a bass reflex design that has a sound signature that resembles a closed box design as much as a bass reflex thus providing both tight and deep low end.

The 1” exit compression driver on a large biradial horn provides good dispersion control that have a similar dispersion as the 18” woofer in the crossover region. The modern driver design also provides a very smooth reproduction of the upper octaves compared to most prior art drivers.

Our goal with this design was to revisit the classic 2 way concept, evolve it with all improvements we could think of to increase both the frequency range and sound quality.





Preliminary Specifications:

Configurations	Passive and active 2-way
Frequency response (3dB)	30 Hz - 20 kHz
Max peak output (1m)	133 dB*
Max output (1m)	127 dB*

Nominal dispersion	90°x40°
Connections	Speakon 4-pole

Rigging	Ground stacked
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Width (V / H)	570 mm
Depth	588 mm
Height (V / H)	1240 mm
Weight	48 kg / 106 lb

Powerhandling (RMS)	
Impedance	8 Ohm (min 5 Ohm)
Passive	1250W

Amp recommendations	for 2-way configuration
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Unica-series	1× 4L 5K4 per pair
T-series	1× T302 per speaker
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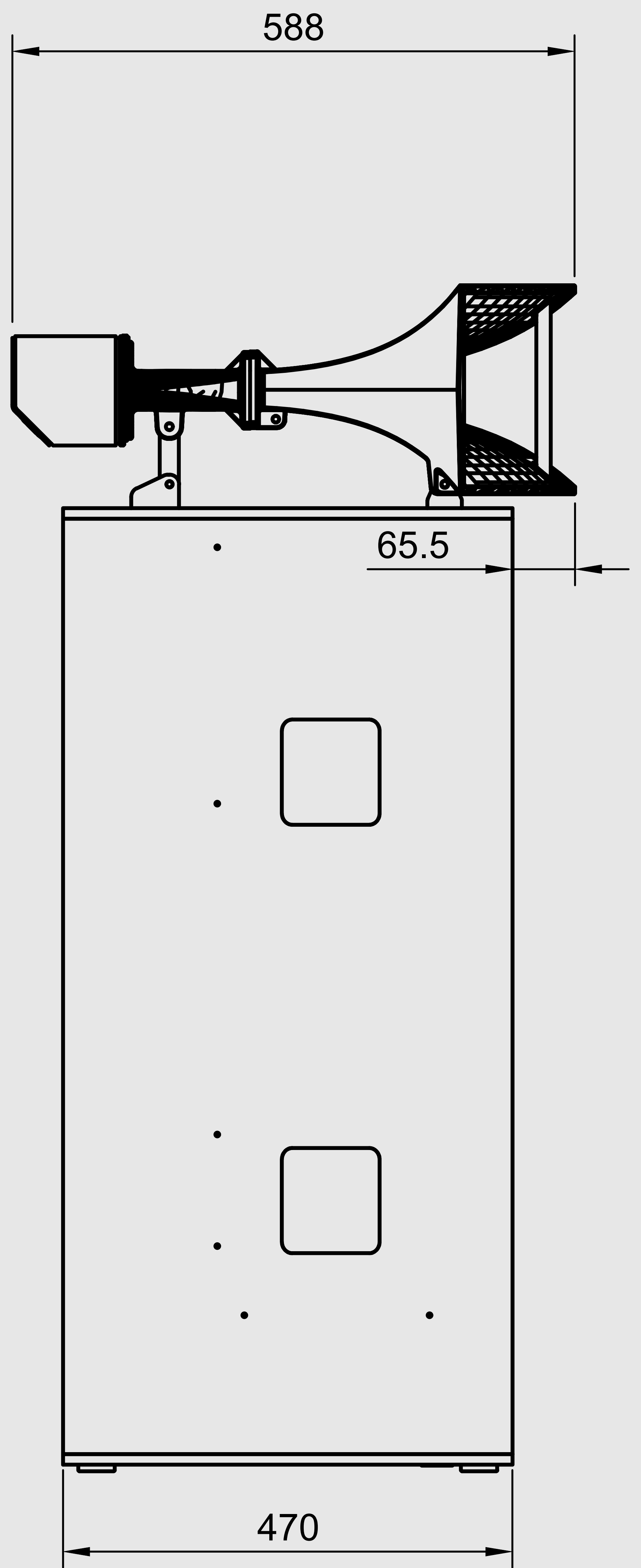
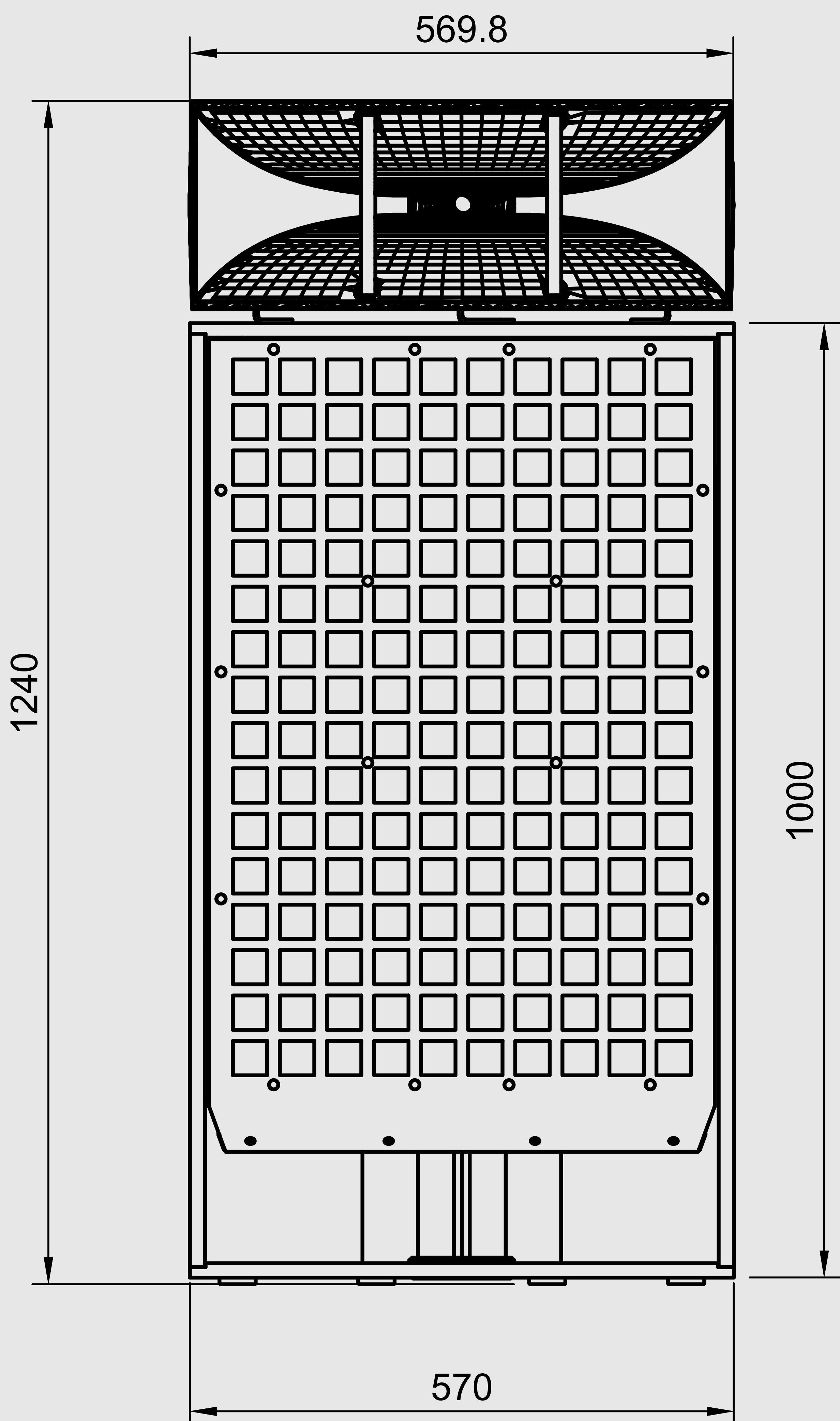
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Preliminary Specifications:

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Frequency response (3dB)	30 Hz - 20 kHz
Max peak output (1m)	133 dB*
Max output (1m)	127 dB*

Nominal dispersion	90°x40°
Connections	Speaker terminals or Speakon 4-pole
Rigging	Hung from ceiling

Width	1002 mm
Depth	667 mm
Height	767 mm
Weight	48 kg / 106 lb

Powerhandling (RMS)	
Impedance	8 Ohm (min 5 Ohm)
Passive	1250W

Amp recommendations	for 2-way configuration
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